

TABLE 1

SEQ ID NO	CLONE ID	INCYTE ID	GENBANK ID	DESCRIPTION	CLUSTER	p10	p12	p14	p15
30	1960285	1100140.10	g184235	Human high mobility group 2 protein (HMG-2) gene	4	-1.18	-0.76	-0.31	-1.28
31	4514944	1136856.14	g183998	Human heregulin-beta3 gene, complete cds.	4	-1.45	-1.00	-0.61	-1.43
32	2198951	1256295.18	g182939	Human growth arrest and DNA-damage-inducible protein (gadd45)	4	-1.96	-0.63	-0.58	-1.02
32	1702350	1256295.18	g182939	Human growth arrest and DNA-damage-inducible protein (gadd45)	4	-1.49	-0.53	-0.58	-0.87
33	1382611	1330122.9	g7107358	Homo sapiens apoptosis-associated nuclear protein PHLDA1	4	-1.55	-0.70	-0.68	-1.11
34	3030931	1382924.50	g4689249	Homo sapiens sorting nexin 5 (SNX5) mRNA, complete cds.	4	-1.00	-0.55	-0.34	-1.32
35	2622020	1383205.5	g5051627	Homo sapiens sodium bicarbonate cotransporter 3 (SLC4A7)	4	-1.20	-0.64	-0.28	-0.79
35	3034487	1383205.5	g5051627	Homo sapiens sodium bicarbonate cotransporter 3 (SLC4A7)	4	-1.11	-0.53	-0.30	-0.79
36	2888464	197745.19	g688296	Homo sapiens brain-expressed HHCPA78 homolog VDUP1 (Gene)	4	-3.86	-0.98	-1.25	-0.94
37	1650256	198777.19	g1229139	Human translation initiation factor 5 (eIF5) mRNA	4	-1.09	-1.11	-0.63	-1.81
37	2174445	198777.19	g1229139	Human translation initiation factor 5 (eIF5) mRNA	4	-0.94	-0.99	-0.37	-1.65
38	1357231	232888.4	g292829	Human DNA topoisomerase II (top2) mRNA, complete cds.	4	-1.32	-0.88	-0.17	-3.02
38	129009	232888.4	g292829	Human DNA topoisomerase II (top2) mRNA, complete cds.	4	-0.87	-0.60	-0.20	-1.81
39	2181805	233498.11	g3452280	Homo sapiens retinoblastoma-interacting protein (RBBP8)	4	-1.63	-0.50	-0.23	-1.07
40	1962095	233597.13		Incyte Unique	4	-1.74	-0.14	-0.82	-1.10
41	2372758	233597.18		Incyte Unique	4	-1.56	-0.27	-0.71	-0.90
42	1862257	240120.3	g183866	Human heparin-binding EGF-like growth factor mRNA	4	-2.05	-0.80	-0.41	-0.88
42	2795141	240120.3	g183866	Human heparin-binding EGF-like growth factor mRNA	4	-1.86	-0.64	-0.45	-0.72
43	570512	246504.1	g287642	H.sapiens cDNA for TREB protein.	4	-2.05	-0.73	-0.60	-0.93
44	758192	251859.2	g1916640	Human FK506-binding protein FKBP51 mRNA, complete cds.	4	-1.42	-0.63	-0.52	-0.74
45	1691744	252855.2		Incyte Unique	4	-2.09	-0.77	-0.63	-1.48
46	3139163	271804.3	g496975	Human cyclooxygenase-2 (hCox-2) gene, complete cds.	4	-1.88	-0.27	-0.16	-1.54
47	557538	335942.3	g33785	Human gene for interleukin 1 alpha (IL-1 alpha).	4	-2.69	-0.88	-0.21	-1.64
47	557538	335942.3	g33785	Human gene for interleukin 1 alpha (IL-1 alpha).	4	-2.74	-0.87	-0.23	-1.73
48	2780013	348196.60	g598240	Homo sapiens intron-encoded U22 small nucleolar RNA (UHG)	4	-1.19	-0.65	-0.30	-1.16
49	172023	412661.2	g415820	H.sapiens mki67a mRNA (short type)	4	-1.15	-1.34	-0.12	-2.49
49	2470485	412661.2	g415818	H.sapiens mki67a mRNA (long type)	4	-1.00	-1.03	-0.12	-2.91
50	4029118	417119.1	g33788	Human gene for prointerleukin 1 beta.	4	-1.27	-0.57	-0.20	-1.20
51	3081067	441283.3	g29864	H.sapiens CENP-E mRNA.	4	-1.06	-0.45	0.05	-1.58
52	305089	447973.25	g339569	Human TGF-beta type II receptor mRNA, complete cds.	4	-1.07	-0.50	0.02	-0.40
53	1281473	474426.5	g1946346	Human RNA polymerase II elongation factor ELL2	4	-1.27	-0.57	-0.49	-0.82
54	339142	475055.1	g496975	Human cyclooxygenase-2 (hCox-2) gene, complete cds.	4	-1.08	-0.15	-0.12	-0.68
55	2352645	978531.2	g179039	Human amphiregulin (AR) mRNA	4	-1.73	-0.57	-0.43	-1.40
55	2350594	978531.2	g179039	Human amphiregulin (AR) mRNA	4	-1.50	-0.51	-0.49	-1.24
55	2350594	978531.2	g179039	Human amphiregulin (AR) mRNA	4	-1.22	-0.41	-0.18	-0.86
56	339142	979045.4	g496975	Human cyclooxygenase-2 (hCox-2) gene, complete cds.	4	-1.08	-0.15	-0.12	-0.68
57	1705208	988653.1	g5420378	Homo sapiens EGR1 gene for early growth response protein 1.	4	-1.69	-0.77	-0.87	-0.91
58	154371	988891.1	g285982	Human mRNA for prointerleukin 1 beta.	4	-1.61	-0.75	-0.12	-1.63
58	558619	988891.1	g35662	Human mRNA for prointerleukin 1 beta.	4	-0.95	-0.57	-0.06	-1.10
58	4029118	988891.1	g35662	Human mRNA for prointerleukin 1 beta.	4	-1.27	-0.57	-0.20	-1.20
59	154371	988891.15	g285982	Human mRNA for KIAA0010 gene, complete cds.	4	-1.61	-0.75	-0.12	-1.63

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60	1955573	995610.1	g34820	Human c-myc oncogene.	-1.08	-0.57	-0.53	-1.07
61	2591737	037877.2	g4191615	Homo sapiens GTP-binding protein NGB mRNA, complete cds.	-0.99	-0.78	-0.69	-1.08
62	3794134	067849.1	g7768937	Homo sapiens mRNA for phenylalanyl tRNA synthetase	-0.74	-0.62	-0.27	-1.20
63	3794134	067849.3	g7768937	Homo sapiens mRNA for phenylalanyl tRNA synthetase	-0.74	-0.62	-0.27	-1.20
64	3028719	110245.1	g3213196	Homo sapiens serine/threonine kinase (BTAK) mRNA	-0.57	-0.44	-0.11	-1.48
65	1968126	1135415.6	g184813	Human insulin-like growth factor binding protein 6 (IGFBP6)	-0.70	-0.28	-0.35	-1.22
66	2495131	1384718.29	g187109	Human 14 kd lectin mRNA, complete cds.	-0.39	-0.54	0.17	-1.45
66	2495131	1384718.29	g187109	Human 14 kd lectin mRNA, complete cds.	-0.50	-0.65	0.21	-1.46
67	2047549	199471.2	g950198	Homo sapiens mitotic feedback control protein Madp2 homolog	-0.51	-0.26	0.28	-1.83
68	428665	199636.2	g36064	Human mRNA for M1 subunit of ribonucleotide reductase.	-0.71	-0.50	-0.05	-1.10
69	2126712	201928.3	g8926137	Homo sapiens targeting protein for Xklp2 (TPX2) mRNA	-0.73	-0.41	-0.05	-1.11
70	5151345	217973.1		Incyte Unique	-0.98	-0.72	0.09	-1.94
71	2504519	221737.8	g10954281	nucleolar protein ANKT [Homo sapiens]	-0.53	-0.24	0.19	-1.36
72	1577614	232567.4	g182718	Human follistatin gene, exons 1-5.	-0.83	-0.82	-0.31	-2.33
73	550732	232567.6	g182718	Human follistatin gene, exons 1-5.	-0.95	-0.77	-0.32	-1.83
74	1712888	233331.8		Incyte Unique	-0.85	-0.66	-0.61	-1.22
75	1997915	235191.3	g2062372	Human cyclin-selective ubiquitin carrier protein mRNA	-0.61	-0.82	-0.16	-1.39
76	1997915	235191.4	g2062372	Human cyclin-selective ubiquitin carrier protein mRNA	-0.61	-0.82	-0.16	-1.39
77	1662638	235997.2		Incyte Unique	-0.51	-0.40	-0.70	-1.28
78	1817646	242114.66	g1006656	H.sapiens mRNA for cathepsin C.	-0.79	-0.57	0.15	-1.30
78	1822716	242114.66	g1006656	H.sapiens mRNA for cathepsin C.	-0.68	-0.60	0.09	-1.54
79	3143015	245452.1	g1749801	H.sapiens hH2B/e gene.	-0.97	-0.47	-0.28	-1.12
80	2640427	319885.11	g6723674	Homo sapiens mRNA for mitotic kinesin-like protein-1 (MKLP-1)	-0.96	-0.66	-0.14	-1.18
81	1970111	331033.1		Incyte Unique	-0.53	-0.42	0.58	-1.37
81	1970111	331033.1		Incyte Unique	-0.34	0.00	0.56	-1.27
82	169991	335532.1	g1136409	Human mRNA for KIAA0175 gene, complete cds.	-0.89	-0.60	-0.10	-1.14
83	3028719	347314.3	g3213196	Homo sapiens serine/threonine kinase (BTAK) mRNA	-0.57	-0.44	-0.11	-1.48
84	3596853	399899.1	g2981234	Homo sapiens mitotic checkpoint kinase Mad3L (MAD3L) mRNA	-0.62	-0.45	0.05	-1.35
85	1614014	440306.16	g2697102	Homo sapiens heterogeneous nuclear ribonucleoprotein R	-0.51	-0.64	-0.07	-1.10
86	1518581	978730.4		Incyte Unique	-0.98	-0.58	-0.54	-1.16
87	1525795	995529.10	g29840	Human cell cycle control gene CDC2.	-0.75	-0.53	0.01	-1.63
88	2957476	995529.6	g29840	Human cell cycle control gene CDC2.	-0.68	-0.23	0.22	-1.83
89	4380064	995874.18	g34328	Human mRNA for lactate dehydrogenase B (LDH-B).	-0.79	-0.74	-0.22	-1.10
90	129502	016888.1		Incyte Unique	0.00	0.13	0.13	-1.32
91	2347046	024166.1	g414584	Homo sapiens protein tyrosine phosphatase (CIP2) mRNA	0.05	-0.19	-0.10	-1.24
92	2418484	039170.3		Incyte Unique	-0.03	-0.05	-0.16	-1.22
93	1742301	060015.1		Incyte Unique	0.29	0.15	0.14	-1.10
94	1997038	1309633.1	g3273315	Homo sapiens UDP-N-acetylglucosamine pyrophosphorylase	-0.27	-0.36	-0.48	-1.28
95	1880421	1309633.3	g3273315	Homo sapiens UDP-N-acetylglucosamine pyrophosphorylase	-0.28	-0.38	-0.49	-1.52
96	3519617	133798.1		Incyte Unique	0.00	0.00	0.00	-1.16
97	1727313	1398377.1	g35137	Human gene for ornithine decarboxylase ODC	-0.08	-0.43	-0.24	-1.30
98	1811070	197766.3	g995897	Human aldehyde dehydrogenase 6 mRNA, complete cds.	-0.18	-0.17	0.70	-1.11

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99	2812176	198361.5		Incyte Unique	6	0.00	0.00	0.00	-1.92
100	1222764	200121.20	g881953	Human putative RNA binding protein RNPL mRNA	6	-0.01	-0.15	-0.25	-1.18
101	2754324	205489.1		Incyte Unique	6	0.00	0.00	0.00	-1.12
102	3860873	214505.1		Incyte Unique	6	0.00	0.00	0.00	-1.18
103	2054489	215619.39	g182398	Human farnesyl pyrophosphate synthetase mRNA, complete cds.	6	-0.44	-0.57	0.50	-1.21
104	2457759	218115.21	g1418285	Homo sapiens putative splice factor transformer2-beta	6	-0.42	-0.64	-0.43	-1.11
105	562188	229101.1		Incyte Unique	6	0.06	0.47	0.39	-2.71
106	451482	231399.1		Incyte Unique	6	0.00	0.00	0.00	-1.58
107	1222764	244634.3	g881953	Human putative RNA binding protein RNPL mRNA	6	-0.01	-0.15	-0.25	-1.18
108	2134114	249273.1		Incyte Unique	6	0.00	0.00	0.00	-1.29
109	1645766	251651.4	g4959078	Homo sapiens inhibitor of apoptosis homolog mRNA	6	-0.39	-0.26	-0.19	-1.08
110	1516301	253570.32	g1842252	Human hepatocyte nuclear factor-3/fork head homolog 11A	6	-0.18	-0.09	-0.03	-1.11
111	345028	256564.1		Incyte Unique	6	0.00	0.00	0.00	-1.95
112	310934	286547.1		Incyte Unique	6	0.00	0.00	0.00	-1.26
113	2554470	331100.2	g860936	H.sapiens mRNA for DNA ligase IV.	6	0.00	-0.25	-0.34	-1.44
114	2201507	332240.1		Incyte Unique	6	0.00	-0.08	0.09	-1.20
115	2379808	399300.18	g3982578	Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA,	6	-0.47	-0.56	-0.31	-1.27
115	2842978	399300.18	g3342777	Homo sapiens alpha-catenin-like protein mRNA, complete cds.	6	-0.13	-0.27	-0.19	-1.19
116	2458372	403703.1		Incyte Unique	6	-0.25	-0.66	-0.72	-1.42
117	4500358	405560.1		Incyte Unique	6	-0.42	-0.05	-0.24	-1.13
118	3721969	413486.1	g181241	Human somatic cytochrome c (HCS) gene, complete cds.	6	-0.25	-0.26	-0.51	-1.09
119	2057823	426109.1	g181915	Human ubiquitin carrier protein (E2-EPF) mRNA	6	-0.29	-0.22	-0.25	-1.58
120	1806435	470468.26	g1050524	H.sapiens mRNA for uridine phosphorylase.	6	-0.46	-0.14	-0.73	-1.33
121	1930235	474629.4	g35135	Human odc1 mRNA for ornithine decarboxylase.	6	0.02	-0.54	-0.32	-1.56
122	1526953	903446.9		Incyte Unique	6	-0.32	-0.12	0.13	-1.09
123	219839	086533.6	g179376	lymphoma 3-encoded protein (bcl-3) [Homo sapiens]	7	-1.13	0.16	-0.13	-0.40
124	3316684	1092427.6	g1196438	Homo sapiens (clone H 4.4) latent transforming growth factor	7	-1.19	-0.37	0.07	-0.36
125	1890576	1094829.54	g220087	Human mRNA for DNA binding protein TAXREB67.	7	-1.52	-0.13	-0.16	-0.17
126	3679667	1138158.1	g3719220	Homo sapiens vascular endothelial growth factor mRNA (VEGF)	7	-1.08	-0.33	-0.51	-0.21
127	2055867	1326983.14		Incyte Unique	7	-1.73	0.08	-0.20	-0.40
128	2823476	140315.4	g4050037	Homo sapiens stanniocalcin-related protein mRNA, complete	7	-1.40	-0.38	-0.44	-0.46
129	1405391	199776.6	g184650	Human interferon-gamma receptor mRNA, complete cds.	7	-1.31	-0.21	-0.33	-0.03
130	5044351	226473.25	g9837430	Homo sapiens PIST (PIST) mRNA, complete cds.	7	-1.69	-0.54	-0.79	-0.62
131	2785701	241888.54	g186367	Human interleukin 8 (IL8) gene, complete cds.	7	-1.13	-0.29	0.36	-0.57
132	1685173	246064.2	g1297318	Human ovarian cancer downregulated myosin heavy chain	7	-1.31	-0.51	-0.63	-0.80
133	1569557	247584.5	g2228792	Homo sapiens Jagged1 (JAG1) mRNA, complete cds.	7	-1.09	-0.33	-0.02	0.11
134	1931117	337792.2	g219475	Human ATL-derived PMA-responsive (APR) peptide mRNA.	7	-1.22	-0.28	-0.25	-0.42
135	2372178	411135.1	g31465	fra-2 gene product (AA 1-326) [Homo sapiens]	7	-1.11	-0.40	-0.27	-0.23
136	2729629	441249.1		Incyte Unique	7	-1.11	-0.41	-0.41	-0.10
137	552594	443244.2	g9502275	Homo sapiens Kruppel-like factor 5 (KLF5) mRNA	7	-1.91	-0.45	-0.57	-0.70
137	2503714	443244.2	g9502275	Homo sapiens Kruppel-like factor 5 (KLF5) mRNA	7	-1.92	-0.55	-0.77	-0.89
138	5044351	462057.1	g9837430	Homo sapiens PIST (PIST) mRNA, complete cds.	7	-1.69	-0.54	-0.79	-0.62

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139	1989435	474673.1	g687592	Human p190-B (p190-B) mRNA, complete cds.	7	-1.21	-0.31	-0.75	-0.61
140	3245168	475283.17	g2645430	Homo sapiens CHD2 mRNA, complete cds.	7	-1.14	-0.05	-0.46	-0.22
141	4760384	900264.1	g7688678	Homo sapiens pyruvate dehydrogenase (PDH) mRNA	7	-1.39	-0.33	-0.71	-0.53
142	1449337	996862.4	g1150425	H.sapiens mRNA for TGIF protein.	7	-1.10	-0.42	-0.62	-0.36
143	2884613	1094412.1	g1143491	H.sapiens mRNA for BiP protein.	8	0.46	-0.03	-1.13	-0.18
144	1453450	1251672.1	g556844	H.sapiens mRNA for tenascin-C, 7560bp.	8	0.32	-0.32	-1.52	-0.17